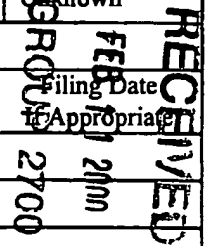
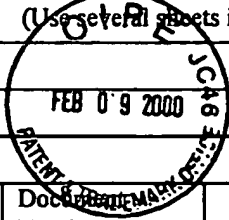


U.S. Department of Commerce, Patent and Trademark Office						Atty Docket No.		Serial No.	
						M-4808-3C US		09/352,659	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT						Applicant(s)			
(Use several sheets if necessary)						Norris, David E.; Suggs, David N.			
						Filing Date		Group	
						July 6, 1999		Unknown	
U.S. Patent Documents									
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date	Group	
AA		3,515,792	Jun. 1970	Deutsch	84	1.03			
AB		3,982,070	Sep. 1976	Flanagan	179	1			
AC		4,133,242	Jan. 1979	Nagai, et al	84	1.13			
AD		4,201,105	May 1990	Alles	84	1.01			
AE		4,201,109	May 1990	Kitagawa	84	1.26			
AF		4,344,347	Aug. 1982	Faulkner	84	1.26			
AG		4,384,170	May, 1983	Mozer, et al.	179	1			
AH		4,471,681	Sept. 1984	Nishimoto	84	1.23			
AI		4,472,993	Sept. 1984	Futamase, et al	84	1.24			
AJ		4,506,579	Mar. 1985	Rossum	84	1.01			
AK		4,508,001	Apr. 1985	Suzuki	84	1.01			
AL		4,524,668	Jun. 1985	Tomisawa, et al.	84	1.24			
AM		4,539,885	Sept. 1985	Ezawa	84	1.25			
AN		4,569,268	Feb. 1986	Futamase, et al	84	1.24			
AO		4,573,389	Mar. 1986	Suzuki	84	126			
AP		4,622,877	Nov. 1986	Strong	84	1.01			
AQ		4,644,840	Feb. 1987	Franz, et al	84	1.01			
AR		4,649,783	Mar. 1987	Strong, et al	84	1.01			
AS		4,719,833	Jan. 1988	Katoh, et al	84	1.01			
AT		4,731,851	Mar. 1988	Christopher	381	104			
AU		4,843,938	July 1989	Hideo	84	1.19			
AV		4,864,625	Sep. 1989	Hanzawa, et al	381	61			
AW		4,916,996	April 1990	Suzuki, et al	84	603			
AX		4,947,723	Aug. 1990	Kawashima, et al	84	603			
AY		4,953,437	Sept. 1990	Starkey	84	603			
AZ		4,998,281	Mar. 1991	Sakata	381	63			
BA		5,111,530	May 1992	Kutaragi, et al	395	20			
BB		5,111,727	May 1992	Rossum	84	603			
BC		5,144,676	Sept. 1992	Rossum	381	118			
BD		5,166,464	Nov. 1992	Sakata, et al	84	662			
BE		5,187,314	Feb. 1993	Kunimoto, et al.	84	626			
BF		5,194,681	Mar. 1993	Kudo	84	603			



	BG	5,210,639	May 1993	Redwine, et al	395	425	
	BH	5,218,710	June 1993	Yamaki, et al	395	800	
	BI	5,243,124	Sept. 1993	Kondratiuk, et al	84	624	
	BJ	5,300,724	April 1994	Medovich	84	604	
	BK	5,342,990	Aug. 1994	Rossum	84	603	
	BL	5,393,926	Feb. 1994	Johnson	84	610	
	BM	5,406,022	Apr. 1995	Kobayashi	81	622	
	BN	5,418,321	May 1995	Keller, et al	84	606	
	BO	5,440,740	Aug. 1995	Chen, et al.	395	650	
	BP	5,442,127	Aug. 1995	Wachi, et al	84	603	
	BQ	5,530,862	Jun. 1996	Jones, et al.	381	63	
	BR	5,613,147	Mar. 1997	Okamura, et al	395	800	
	BS	5,689,080	Nov. 1997	Gulick	84	604	



RECEIVED
FEB 11 2000
GROUP 2700

Foreign Patent Documents

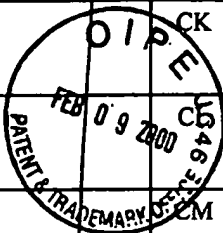
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	BT	EP A 0126962	Dec. 1984	European				No
	BU	EP A 0463411	Jan. 1992	JP				
	BV	EP A 0535839	April 1993	European			Partial	
	BW	EP 0 474177 A2		European				
	BX	WO 92 15087						


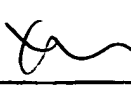
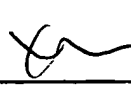
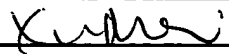
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	BY	"Build a CHORUS-DELAY," Chorus, Analog Delay, ADT, Flanger, Vibrato, Guitar Player, Jan. 1982, pp. 26-34.
	BZ	"Designing Multi-Channel Reverberators," by John Stautner and Miller Puckette, pp. 569-582 (1989).
	CA	"JAZZ16™ CHIPSET," Media Vision, Inc., pp. 1-52, 1-22, 1-14, schematics, bill of materials, and p. 23 (Date not available)
	CB	"Musical Applications of Microprocessors," by Hal Chamberlin, Hayden Book Company, Second Edition (1985), Chapters 1, 2, 4, 13, 14, 17 and 19-21.
	CC	"OPL3, YMF262, FM Operator Type L3," Yamaha LSI, YMF262 Application Manual, Catalog No. LSI-6MF2622, pp. 1-31 (1992.4)
	CD	"Proposal for Standardized Audio Interchange Formats," IMA Compatibility Project, Version 2.12 (April 24, 1992), pp. 1-23.
	CE	"SC18000/SC18005 Multimedia System Controller," Sierra Semiconductor, Rev. 0.92, pp. 1-23 (Date not available).
	CF	"SC18025 ARIA™ Sound Processor," Sierra Semiconductor, Rev. 1.0, pp. 1-15 (Date not available).
	CG	"SC18050 Aria Basic Sound ROM," Sierra Semiconductor, Rev. 0.91, pp. 1-3 (Date not available).

CH	"SC18051 1/2 Megabyte Sound ROM," Sierra Semiconductor, Rev. 1.0, pp. 1-3 (Date not available).
CI	"SC18052 1 Megabyte Sound ROM," Sierra Semiconductor, Rev. 1.0, pp. 1-3 (Date not available).
CJ	"YMF262, FM Operator Type L3 (OPL3)," Yamaha LSI, Catalog No. LSI-4MF2622, pp. 1-19 (1991.10).
CK	"YMZ263, Multimedia Audio & Game Interface Controller (MMA)," Yamaha LSI, Rev. 7/1/92, pp. 1-33.
CL	Application Note, "A Tutorial on MIDI and Music Synthesis, Music Synthesis," by Jim Heckroth, Crystal Semiconductor Corp., AN27REV1, pp. 1-6 (Aug. 1993).
CM	Application Note, "Wave Table MIDI Synthesizer Solutions, CS8905 and CS9203," by Jim Heckroth, Crystal Semiconductor Corp., AN26REV1, pp. 1-7 (Aug. 1993).
CN	Article in "The Music Machine," Ed. Roads, The Mit Press, p. 436-437 (1989).
CO	Digital Oscillator Chip, Integrated Circuit Systems, Inc., ICS 1261 (DOC1), pp. 1-12 (Date not available).
CP	Digital Sound Generator (DOC II), ICS1399, Integrated Circuit Systems, Inc., pp. 1-10 (Date not available).
CQ	Digital Sound Generator (DOC II), ICS1399, Integrated Circuit Systems, Inc., pp. 21-42 (Date not available).
CR	Documentation regarding AVS Group NXPR016 Chipset (Date not available).
CS	ES 5506 "OTTO", Ensoniq Soundscape™ WaveTable Synthesizer, Rev. 2.1, pp. 1-48 (Date not available).
CT	Handbook for Sound Engineers (The new audio cyclopedia) Glen Ballow, editor, Howard W. Sams & Company, pp. 37-38, 158-159 and pp. 626-627, First Edition Third Printing 1988.
CU	IBANEZ Model No. DM1000 Block Diagram (Date not available).
CV	Integrated Circuit Systems, Inc., Digital Sound Generator (DOC II), ICS1399, Package of Technical Information (Date not available).
CW	OmniWave™ Multimedia Audio, by Samsung Semiconductor, Advance Information, KS0161, pp. 1-8 (Rev. A, Nov. 1994)
CX	Preliminary Product Information, "Advanced Music Synthesizer, CS9203," Crystal Semiconductor Corp., DS117PP1, pp. 1-18 (Aug. 1993).
CY	Preliminary Product Information, "CDBGMR4 Music Synthesis Eval. Board," Crystal Semiconductor Corp., DS127PP1, pp. 1-24 and schematics (Aug. 1993).
CZ	Preliminary Product Information, "Programmable Music Processor, CS8905," Crystal Semiconductor Corp., DS116PP1, pp. 1-19 (Aug. 1993).
DA	Preliminary specification, "Stereo continuous calibration DAC, TDA1545A," Phillips Semiconductors, pp. 4-212 to 4-229 (March 1993).

RECEIVED
FEB 21 2000
GROUP 2700



	DB	Preliminary, "YMF278-F (OPL4), 4 Operator FM and WAVE Synthesis Chip," Yamaha LSI, Yamaha Corp., Catalog No. LS1278F, Version 1.01 (2/1/93), pp. 1-31	
	DC	Snell, John. "Design of a Digital Oscillator Which Will Generate Up to 256 Low Distortion Sine Waves in Real Time," April 1977, pp. 4-25	
	DD	U.S. Patent Application Serial No. 072,838, entitled "Wave Table Synthesizer," by Travers, et al.	
Examiner		Date Considered	3/28/05
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.			

479964 v1

